# RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: _10/235,256_
Source: _IFWO_
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RAW SEQUENCE LISTING　　　　　　　　DATE: 11/08/2004
PATENT APPLICATION:　US/10/735,256　　TIME: 16:12:35

Input Set : A:\A116CON.txt
Output Set: N:\CRF4\11082004\J735256.raw

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 3 <110> APPLICANT: STRITTMATTER, STEPHEN M.
 4        CATE, RICHARD L.
 5        SAH, DINAH W.Y.
 7 <120> TITLE OF INVENTION: NOGO RECEPTOR HOMOLOGS
 9 <130> FILE REFERENCE: A116 CON
11 <140> CURRENT APPLICATION NUMBER: 10/735,256
12 <141> CURRENT FILING DATE: 2003-12-12
14 <150> PRIOR APPLICATION NUMBER: 09/972,546
15 <151> PRIOR FILING DATE: 2001-10-06
17 <150> PRIOR APPLICATION NUMBER: 60/238,361
18 <151> PRIOR FILING DATE: 2000-10-06
20 <160> NUMBER OF SEQ ID NOS: 19
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26 <212> TYPE: DNA
27 <213> ORGANISM: Homo sapiens
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32 ccgcccaccg tgagctgcca ggccaacaac ttctcctctg tgccgctgtc cctgccaccc 180
33 agcactcagc gactcttcct gcagaacaac ctcatccgca cgctgcggcc aggcaccttt 240
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35 actttccgcc acttgcaagc cctggaggag ctggacctcg gtgacaaccg gcacctgcgc 360
36 tcgctggagc ccgacacctt ccagggcctg gagcggctgc agtcgctgca tttgtaccgc 420
37 tgccagctca gcagcctgcc cggcaacatc ttccgaggcc tggtcagcct gcagtacctc 480
38 tacctccagg agaacagcct gctccaccta caggatgact tgttcgcgga cctggccaac 540
39 ctgagccacc tcttcctcca cgggaaccgc ctgcggctgc tcacagagca cgtgtttcgc 600
40 ggcctgggca gcctggaccg gctgctgctg cacgggaacc ggctgcaggg cgtgcaccgc 660
41 gcggccttcc gcggcctcag ccgcctcacc atcctctacc tgttcaacaa cagcctggcc 720
42 tcgctgcccg gcgaggcgct cgccgacctg ccctcgctcg agttcctgcg gctcaacgct 780
43 aaccccctggg cgtgcgactg ccgcgcgcgg ccgctctggg cctggttcca gcgcgcgcgc 840
44 gtgtccagct ccgacgtgac ctgcgccacc cccccggagc gccagggccg agacctgcgc 900
45 gcgctccgcg aggccgactt ccaggcgtgt ccgcccgcgg cacccacgcg gccgggcagc 960
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47 ccagccgatc cctccaccct ctaccgagat ctgcctgccg aagactcgcg ggggcgccag 1080
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69     50              55              60
71 Leu Phe Leu Gln Asn Asn Leu Ile Arg Thr Leu Arg Pro Gly Thr Phe
72 65              70              75              80
74 Gly Ser Asn Leu Leu Thr Leu Trp Leu Phe Ser Asn Asn Leu Ser Thr
75             85              90              95
77 Ile Tyr Pro Gly Thr Phe Arg His Leu Gln Ala Leu Glu Glu Leu Asp
78         100             105             110
80 Leu Gly Asp Asn Arg His Leu Arg Ser Leu Glu Pro Asp Thr Phe Gln
81         115             120             125
83 Gly Leu Glu Arg Leu Gln Ser Leu His Leu Tyr Arg Cys Gln Leu Ser
84     130             135             140
86 Ser Leu Pro Gly Asn Ile Phe Arg Gly Leu Val Ser Leu Gln Tyr Leu
87 145             150             155             160
89 Tyr Leu Gln Glu Asn Ser Leu Leu His Leu Gln Asp Asp Leu Phe Ala
90             165             170             175
92 Asp Leu Ala Asn Leu Ser His Leu Phe Leu His Gly Asn Arg Leu Arg
93         180             185             190
95 Leu Leu Thr Glu His Val Phe Arg Gly Leu Gly Ser Leu Asp Arg Leu
96         195             200             205
98 Leu Leu His Gly Asn Arg Leu Gln Gly Val His Arg Ala Ala Phe Arg
99     210             215             220
101 Gly Leu Ser Arg Leu Thr Ile Leu Tyr Leu Phe Asn Asn Ser Leu Ala
102 225             230             235             240
104 Ser Leu Pro Gly Glu Ala Leu Ala Asp Leu Pro Ser Leu Glu Phe Leu
105             245             250             255
107 Arg Leu Asn Ala Asn Pro Trp Ala Cys Asp Cys Arg Ala Arg Pro Leu
108         260             265             270
110 Trp Ala Trp Phe Gln Arg Ala Arg Val Ser Ser Ser Asp Val Thr Cys
111         275             280             285
113 Ala Thr Pro Pro Glu Arg Gln Gly Arg Asp Leu Arg Ala Leu Arg Glu
114     290             295             300
116 Ala Asp Phe Gln Ala Cys Pro Pro Ala Ala Pro Thr Arg Pro Gly Ser
117 305             310             315             320
119 Arg Ala Arg Gly Asn Ser Ser Ser Asn His Leu Tyr Gly Val Ala Glu
120             325             330             335
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155 tttggtggcc tgcacagcct gcagtatctc tacttgcagg acaaccatat cgagtacctc 540
156 caagatgaca tctttgtgga cctggtcaat ctcagtcact tgtttctcca tggtaacaag 600
157 ctatggagcc tgggccaagg catcttccgg ggcctggtga acctggaccg gttgctgctg 660
158 catgagaacc agctacagtg ggttcaccac aaggctttcc atgacctcca caggctaacc 720
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160 gtggccttgg agttccttcg cctcaatggg aatgcttggg actgtggctg ccgggcacgt 840
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162 cccgagctgc ggcaaggcca ggatctgaag ctgctgaggg tggaggactt ccggaactgc 960
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165 catccgcctg gctccaggtc aggttacaag aaggcaggca gaactgcac cagccacagg 1140
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186         35              40                  45
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191 Pro Glu Gly Ile Pro Glu Asp Ser Glu Arg Ile Phe Leu Gln Asn Asn
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194 Arg Ile Thr Phe Leu Gln Gln Gly His Phe Ser Pro Ala Met Val Thr
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198                     100               105              110
200 Glu Gly Phe Val His Leu Glu Glu Leu Asp Leu Gly Asp Asn Arg Gln
201             115               120              125
203 Leu Arg Thr Leu Ala Pro Glu Thr Phe Gln Gly Leu Val Lys Leu His
204         130               135              140
206 Ala Leu Tyr Leu Tyr Lys Cys Gly Leu Ser Ala Leu Pro Ala Gly Ile
207 145               150               155                  160
209 Phe Gly Gly Leu His Ser Leu Gln Tyr Leu Tyr Leu Gln Asp Asn His
210             165               170              175
212 Ile Glu Tyr Leu Gln Asp Asp Ile Phe Val Asp Leu Val Asn Leu Ser
213             180               185              190
215 His Leu Phe Leu His Gly Asn Lys Leu Trp Ser Leu Gly Gln Gly Ile
216         195               200              205
218 Phe Arg Gly Leu Val Asn Leu Asp Arg Leu Leu Leu His Glu Asn Gln
219     210               215              220
221 Leu Gln Trp Val His His Lys Ala Phe His Asp Leu His Arg Leu Thr
222 225               230              235                  240
224 Thr Leu Phe Leu Phe Asn Asn Ser Leu Thr Glu Leu Gln Gly Asp Cys
225             245               250              255
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228         260               265              270
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231         275               280              285
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234     290               295              300
236 Gln Gly Gln Asp Leu Lys Leu Leu Arg Val Glu Asp Phe Arg Asn Cys
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246         355               360              365
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249     370               375              380
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252 385               390              395                  400
254 Ala Pro Asp Tyr Gln His Lys Phe Ser Phe Asp Ile Met Pro Thr Ala
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257 Arg Pro Lys Arg Lys Gly Lys Cys Ala Arg Arg Thr Pro Ile Arg Ala
258         420               425              430
260 Pro Ser Gly Val Gln Gln Ala Ser Ser Gly Thr Ala Leu Gly Ala Pro
261         435               440              445
263 Leu Leu Ala Trp Ile Leu Gly Leu Ala Val Thr Leu Arg
264     450               455              460
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RAW SEQUENCE LISTING

PATENT APPLICATION:  US/10/735,256

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269 <212> TYPE: PRT
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277             20                  25                  30
279 Cys Tyr Asn Glu Pro Lys Val Thr Thr Ser Cys Pro Gln Gln Gly Leu
280         35                  40                  45
282 Gln Ala Val Pro Val Gly Ile Pro Ala Ala Ser Gln Arg Ile Phe Leu
283         50                  55                  60
285 His Gly Asn Arg Ile Ser His Val Pro Ala Ala Ser Phe Arg Ala Cys
286  65                  70                  75                  80
288 Arg Asn Leu Thr Ile Leu Trp Leu His Ser Asn Val Leu Ala Arg Ile
289             85                  90                  95
291 Asp Ala Ala Ala Phe Thr Gly Leu Ala Leu Leu Glu Gln Leu Asp Leu
292             100                 105                 110
294 Ser Asp Asn Ala Gln Leu Arg Ser Val Asp Pro Ala Thr Phe His Gly
295             115                 120                 125
297 Leu Gly Arg Leu His Thr Leu His Leu Asp Arg Cys Gly Leu Gln Glu
298         130                 135                 140
300 Leu Gly Pro Gly Leu Phe Arg Gly Leu Ala Ala Leu Gln Tyr Leu Tyr
301 145                 150                 155                 160
303 Leu Gln Asp Asn Ala Leu Gln Ala Leu Pro Asp Asp Thr Phe Arg Asp
304             165                 170                 175
306 Leu Gly Asn Leu Thr His Leu Phe Leu His Gly Asn Arg Ile Ser Ser
307             180                 185                 190
309 Val Pro Glu Arg Ala Phe Arg Gly Leu His Ser Leu Asp Arg Leu Leu
310         195                 200                 205
312 Leu His Gln Asn Arg Val Ala His Val His Pro His Ala Phe Arg Asp
313         210                 215                 220
315 Leu Gly Arg Leu Met Thr Leu Tyr Leu Phe Ala Asn Asn Leu Ser Ala
316 225                 230                 235                 240
318 Leu Pro Thr Glu Ala Leu Ala Pro Leu Arg Ala Leu Gln Tyr Leu Arg
319             245                 250                 255
321 Leu Asn Asp Asn Pro Trp Val Cys Asp Cys Arg Ala Arg Pro Leu Trp
322             260                 265                 270
324 Ala Trp Leu Gln Lys Phe Arg Gly Ser Ser Ser Glu Val Pro Cys Ser
325         275                 280                 285
327 Leu Pro Gln Arg Leu Ala Gly Arg Asp Leu Lys Arg Leu Ala Ala Asn
328         290                 295                 300
330 Asp Leu Gln Gly Cys Ala Val Ala Thr Gly Pro Tyr His Pro Ile Trp
331 305                 310                 315                 320
333 Thr Gly Arg Ala Thr Asp Glu Glu Pro Leu Gly Leu Pro Lys Cys Cys
334             325                 330                 335
336 Gln Pro Asp Ala Ala Asp Lys Ala Ser Val Leu Glu Pro Gly Arg Pro
337             340                 345                 350
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RAW SEQUENCE LISTING ERROR SUMMARY          DATE: 11/08/2004
PATENT APPLICATION:   US/10/735,256         TIME: 16:12:36

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**Please Note:**
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:16; N Pos. 153289,153290,153291,153292,153293,153294,153295,153296
Seq#:16; N Pos. 153297,153298,153299,153300,153301,153302,153303,153304
Seq#:16; N Pos. 153305,153306,153307,153308,153309,153310,153311,153312
Seq#:16; N Pos. 153313,153314,153315,153316,153317,153318,153319,153320
Seq#:16; N Pos. 153321,153322,153323,153324,153325,153326,153327,153328
Seq#:16; N Pos. 153329,153330,153331,153332,153333,153334,153335,153336
Seq#:16; N Pos. 153337,153338,153339,153340,153341,164706,164708,164710
Seq#:16; N Pos. 164711,164712,164713,164714,164715,164716,164717,164718
Seq#:16; N Pos. 164719,164720,164721,164722,164723,164724,164725,164726
Seq#:16; N Pos. 164727,164728,164729,164730,164731,164732,164733,164734
Seq#:16; N Pos. 164735,164736,164737,164738,164739,164740,164741,164742
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Seq#:16; N Pos. 164759,164760,164761,164762,164763,164764,164765,164766
Seq#:16; N Pos. 164767,164768,164769,164770,164771,164772,164773,164774
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Seq#:16; N Pos. 164775,164776,164777,164778,164779,164780,164781,164782
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Seq#:16; N Pos. 164807,164808,164809
Seq#:16; N Pos. 182242,182243,182244,182245,182246,182247,182248,182249
Seq#:16; N Pos. 182250,182251,182252,182253,182254,182255,182256,182257
Seq#:16; N Pos. 182258,182259,182260,182261,182262,182263,182264,182265
Seq#:16; N Pos. 182266,182267,182268,182269,182270,182271,182272,182273
Seq#:16; N Pos. 182274,182275,182276,182277,182278,182279,182280,182281
Seq#:16; N Pos. 182282,182283,182284,182285,182286,182287,182288,182289
Seq#:16; N Pos. 182290,182291,182292,182293,182294,182295,182296,182297
Seq#:16; N Pos. 182298,182299,182300,182301,182302,182303,182304,182305
Seq#:16; N Pos. 182306,182307,182308,182309,182310,182311,182312,182313
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Seq#:16; N Pos. 198852,198853,198854,198855,198856,198857,198858,198859
Seq#:16; N Pos. 198860,198861,198862,198863,198864,198865,198866,198867
Seq#:16; N Pos. 198868,198869,198870,198871,198872,198873,198874,198875
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Seq#:16; N Pos. 198932,198933,198934,198935,198936,198937,198938,198939
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Seq#:16; N Pos. 215979
Seq#:18; Xaa Pos. 3,4,6,9,10,12,13,15,18,19,20,21,22,23,24,25,27,28,29,31
Seq#:18; Xaa Pos. 32,33,34,36,39,40,42,44,45,46,47,48,49,50,52,53,54,55,56
Seq#:18; Xaa Pos. 57,58,59,62,63,66,67,68,69,71,72,73,74,76,77,78,79,80,83
Seq#:18; Xaa Pos. 87,90,91,93,94,95,96,98,101,104,105,107,108,110,112,113
Seq#:18; Xaa Pos. 115,117,118,120,121,122,123,125,128,129,137,139,140,141
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Seq#:18; Xaa Pos. 170,171,176,177,185,187,188,189,190,193,194,197,198,200
Seq#:18; Xaa Pos. 203,204,206,209,211,213,214,216,217,218,219,221,222,224
Seq#:18; Xaa Pos. 225,227,228,233,235,237,239,242,244,247,249,250,251,252
Seq#:18; Xaa Pos. 254,258,260,262,263,265,266,267,268,269,270,273,274,276
Seq#:18; Xaa Pos. 277,278,280,281,282
Seq#:19; Xaa Pos. 2,4,6,11,14,16,17,18,19,21,25,27,29,30,32,33,34,35,36,37
Seq#:19; Xaa Pos. 40,41,43,44,45,47,48,49
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Input Set : **A:\A116CON.txt**
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L:769  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:772  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:16
L:775  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:32
L:778  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:48
L:781  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:64
L:784  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:80
L:787  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:96
L:790  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:112
L:793  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:128
L:796  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:144
L:799  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:160
L:802  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:176
L:805  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:192
L:808  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:208
L:811  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:224
L:814  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:240
L:817  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:256
L:820  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:272
L:823  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:288
L:826  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:304
L:829  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:320
L:832  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:336
L:835  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:352
L:838  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:368
L:841  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:384
L:844  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:400
L:847  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:416
L:850  M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:6 after pos.:432
L:1081 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:1172 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:1175 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:11 after pos.:16
L:1178 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:11 after pos.:32
L:1181 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:11 after pos.:48
L:1430 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:1433 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:16
L:1436 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:32
L:1439 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:48
L:1442 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:64
L:1445 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:80
L:1448 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:96
L:1451 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:112
L:1454 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:128
L:1457 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:144
L:1460 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:160
L:1463 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:176
L:1466 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:12 after pos.:192
L:1691 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:15 after pos.:2040
L:1692 M:341 W:  (46)  "n" or "Xaa" used, for SEQ ID#:15 after pos.:2100
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L:1767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:6600
L:1768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:6660
L:1769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:6720
L:1892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:14100
L:1893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:14160
L:1894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:14220
L:1982 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:19500
L:1983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:19560
L:2033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:22560
L:2034 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:22620
L:2035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:22680
L:2120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:27780
L:2121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:27840
L:2122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:27900
L:2239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:34920
L:2240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:34980
L:2241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:35040
L:2336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:40740
L:2337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:40800
L:2338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:40860
L:2473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:48960
L:2474 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:49020
L:2475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:49080
L:2705 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:62880
L:2706 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:62940
L:2915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:75480
L:2916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:75540
L:2917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:75600
L:3122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:87900
L:3123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:87960
L:3124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:88020
L:3507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:111000
L:3508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:111060
L:3509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:111120
L:4405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:960
L:4406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:1020
L:4407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:1080
L:4424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:2100
L:4425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:2160
L:4426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:2220
L:4451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:3720
L:4452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:3780
L:4475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:5160
L:4476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:5220
L:4513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:7440
L:4514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:7500
L:4515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:7560
L:4536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:8820
L:4537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:8880
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L:4538 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:8940
L:4561 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:10320
L:4562 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:10380
L:4563 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:10440
L:4593 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:12240
L:4594 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:12300
L:4595 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:12360
L:4612 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:13380
L:4613 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:13440
L:4614 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:13500
L:4654 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:15900
L:4655 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:15960
L:4656 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:16020
L:4692 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:18180
L:4693 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:18240
L:4694 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:18300
L:4738 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:20940
L:4739 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:21000
L:4740 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:21060
L:4795 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:24360
L:4796 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:24420
L:4797 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:24480
L:4848 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:27540
L:4849 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:27600
L:4850 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:27660
L:4903 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:30840
L:4904 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:30900
L:4905 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:30960
L:4963 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:34440
L:4964 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:34500
L:5025 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:38160
L:5026 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:38220
L:5027 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:38280
L:5095 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:42360
L:5096 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:42420
L:5135 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:44760
L:5136 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:44820
L:5137 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:44880
L:5245 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:51360
L:5246 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:51420
L:5334 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:56700
L:5335 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:56760
L:5336 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:56820
L:5435 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:62760
L:5436 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:62820
L:5437 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:62880
L:5530 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:68460
L:5531 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:68520
L:5532 M:341 W: (46)  "n" or "Xaa" used, for SEQ ID#:16 after pos.:68580
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L:5631 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:74520
L:5632 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:74580
L:5633 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:74640
L:5746 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:81420
L:5747 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:81480
L:5748 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:81540
L:5864 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:88500
L:5865 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:88560
L:5952 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:93780
L:5998 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:96540
L:5999 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:96600
L:6000 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:96660
L:6001 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:96720
L:6002 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:96780
L:6129 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:104400
L:6130 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:104460
L:6131 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:104520
L:6297 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:114480
L:6298 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:114540
L:6299 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:114600
L:6506 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:127020
L:6507 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:127080
L:6508 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:127140
L:6707 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:139080
L:6708 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:139140
L:6709 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:139200
L:6906 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:151020
L:6943 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:153240
L:6944 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:153300
L:7134 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:164700
L:7135 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:164760
L:7426 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:182220
L:7427 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:182280
L:7428 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:182340
L:7591 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:192120
L:7592 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:192180
L:7703 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:198840
L:7704 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:198900
L:7712 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:199380
L:7860 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:208260
L:7988 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:215940
L:8453 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:8456 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:16
L:8459 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:32
L:8462 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:48
L:8465 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:64
L:8468 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:80
L:8471 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:96
L:8474 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:112
```

**VERIFICATION SUMMARY**          DATE: 11/08/2004
PATENT APPLICATION:  **US/10/735,256**          TIME: 16:12:36

Input Set : **A:\A116CON.txt**
Output Set: **N:\CRF4\11082004\J735256.raw**

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L:8477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:128
L:8480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:144
L:8483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:160
L:8486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:176
L:8489 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:192
L:8492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:208
L:8495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:224
L:8498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:240
L:8501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:256
L:8504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:272
L:8587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:8590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:16
L:8593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:32
L:8596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:48
```